Notebook Series -- Notebooks by Edison and Other Experimenters
Miscellaneous Experiments
Notebook, N-Undated.4

This notebook was used by Edison and Absalom M. Kennedy, probably during 1916, for notes on experiments relating to violins and violin strings. The early entries (experiments 1-31) include numerous comments by Edison, particularly on the loudness of the recordings. The remaining entries (experiments 32-176) simply list the instrument or string and provide no comments; these have not been selected. The front cover is labeled "Tests of Musical Instruments and parts." The pages are unnumbered. Approximately 65 pages have been used.

Tests of Violin "E" Strings

STEEL

L.H. Damascus #54 RoH

#1

#2

#3

SILK

L&H Silk #1042 L&H

#4. Very impure —

#5. much louder than 4 most notes pure, some impure — high notes audible whereas in 4 inaudible —, rather even volume

#6. not quite so loud as 5 = more notes impure uneven volume

L'Aiglon Braided Silk L&H

#7. Fairly pure - Volume variable. at one spot enormous variation of volume as go up in scale starting at one note drops 3 or 4 times weaker beyond & suddenly

#8. Even Volume (Very) no sudden drop - notes fairly pure ~~[illegible]~~ about like 5 — Very good string -

#9. Even in Vol Loud - 2 notes impure - ~~[illegible]~~ one very bad may be bowing if so then this is good string -

GUT

L&H. Cremonesque Tested #1426 L&H

#10 Very loud - loudest yet fairly even vol only one place going high it suddenly changes & not severely - considering loudness the notes are fairly pure -

#11 Very Loud & fairly even - only 1 note impure -

#12 impure - Very uneven Volume

L&H. Cremonesque Tested #1450 L&H

#13 ✓ -

#14

#15

GUT

Thomas Orchestra #1536 Lost

#16

#17

#18

L.&H. Equitone Lost

#19

#20

#21

GUT

~~Lot Equitone # 1546. Lot~~

#22

#23

#24

~~Ameritol #1446. Lot~~

#25

#26

#27

GWT
Waterproof Lost

#28

#29

#30

Albania Lost

#31

#32

#33

GUT

~~La Fortissima~~ ~~Lost~~

~~#34~~

~~#35~~

~~#36~~

~~Nicola~~ ~~Lost.~~

~~#37~~

~~#38~~

~~#39~~

GWT

Puretone. L.o.H.

~~#40~~

~~#41~~

~~#42~~

GUT

ZrA Cremonesque # 1450

#13 Impure - Loud,
after reaching a high point +
while loud the next note is
inaudible - did it twice -
Poor string -

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14 Not loud like 13 -
Sudden Change Volume on
high - slightly impure notes.
not good string -

15 Impure nearly all thru
not Extra Loud, Some variable
Volumn Not good string –

Lott Cremoneque #1426

10 = Even - fairly pure
Loud - good string

11 = fairly Even Volume -
Not loud - but 2 high
Notes Extraordinarily
impure - poor string

12 = Very loud, Even -
only 1 high note somewhat
impure - Very good string

Thomas Orchestra Lott

16 Not loud - fairly
Even volume 2 unpure
notes — Not good string

17 = fairly loud - fairly
Even, some unpure
notes - fair string

18 = Little louder than
17 = ~~fair~~ Even - some
impure notes - fair string

~~Equitone R&H~~
22 = Loud - Even Val
notes nearly pure
good string

23 = Very loud -
notes uneven at different
points + not sustained only
on high - some notes
impure - only fair string.

24 = fairly loud all
notes pure Volume even
Except last 2 notes - drop
considerable good string
Especially for purity -

Amerital Test

#25 Not very loud
unpure in low —
quite droop on Value on
last 3 lengths —
Not a good string

26 = No ~~test~~

27 = No test)

28 Waterproof Lott
Very loud - some
impure notes, Volume
Varies all way thru
Not good firing
Except Very loud

29 = Very loud
fairly Even - & rather
pure   good string

30 = fairly loud
impure - fairly
Even Vol   Not good string

Albania Post.
31 = Impura - Variable.
Volum Notgradölning

[ITEM(S) FOUND IN BOOK]

Mr. Dawson —
We have the
following engagements
next week
Wed 8th Miss Pollak 2 P.M.
Frid. 10th Miss Curtis 9:30 am

Kennedy